

Date: Thursday, 04/09/2008 1:22:59 PM
User: Julie Lecocq

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : MOUNTING LUG
Job Number : 41819	
Estimate Number : 10255	
P.O. Number :	Part Number : D22301
This Issue : 04/09/2008 S.O. No. :	Drawing Number : D2230 REV F
Prsht Rev. : NC	Project Number : N/A
First Issue : / / Type : MACHINED PARTS	Drawing Revision : F
Previous Run : 40934	Material :
Written By :	Due Date : 06/10/2008 Qty: 200 Um: Each
Checked & Approved By : <u>JLO 08.9.08</u>	
Comment : Est D 00.11.01 Added inspection level 8, and removed P/O for powder coat EC	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D2423	Lug Extrusion
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Comment: Qty.: 0.0717 f(s)/Unit Total: 14.3430 f(s)
Lug Extrusion D2423 Extrusion
Batch: B33310

2.0	BAND SAW	BAND SAW
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Comment: BAND SAW
Cut D2423 extrusion to 0.82"
Batch: _____

10 Cut @ meter

3.0	HAAS1	HAAS CNC VERTICAL MACHINING #1
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Comment: HAAS CNC VERTICAL MACHINING #1
1-Machine per folio D2230-1
(Check for crack while loading into the machine.)
2-Tumble and deburr rough edges after tumbling

issue P/O 7126 meter

Machine as per drawing D2230 REV. F

08/09/11

(200)

4.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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Comment: INSPECT PARTS AS THEY COME OFF MACHINE

Rec'd + inspect for transit damage. ensured caps attached.

08/10/07

(200)

5.0	QC5	SECOND CHECK
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Comment: SECOND CHECK *inspect level 5*

08/10/08

counters

(200)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 04/09/2008 1:22:59 PM
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Drawing Name: MOUNTING LUG

Job Number: 41819

Part Number: D22301

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

Handwritten: JH 08-10-08 (X200)

7.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

Handwritten: S 08/10/08 (200)

8.0

POWDER COATING

POWDER COATING



Handwritten: M109152



Handwritten: (200X)

Comment: POWDER COATING

Powder Coat Gloss White (ref. 4.3.5.1) per Dart QSI 005 4.3

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

Handwritten: 8:20
320 OF
8:50

Handwritten: M-1 08/10/09

9.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

Handwritten: FL 08/10/09 (200)

10.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

Handwritten: PC 8/10/09 (200)

11.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Handwritten: 08/10/17

Job Completion



Handwritten: MF 08-10-17

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

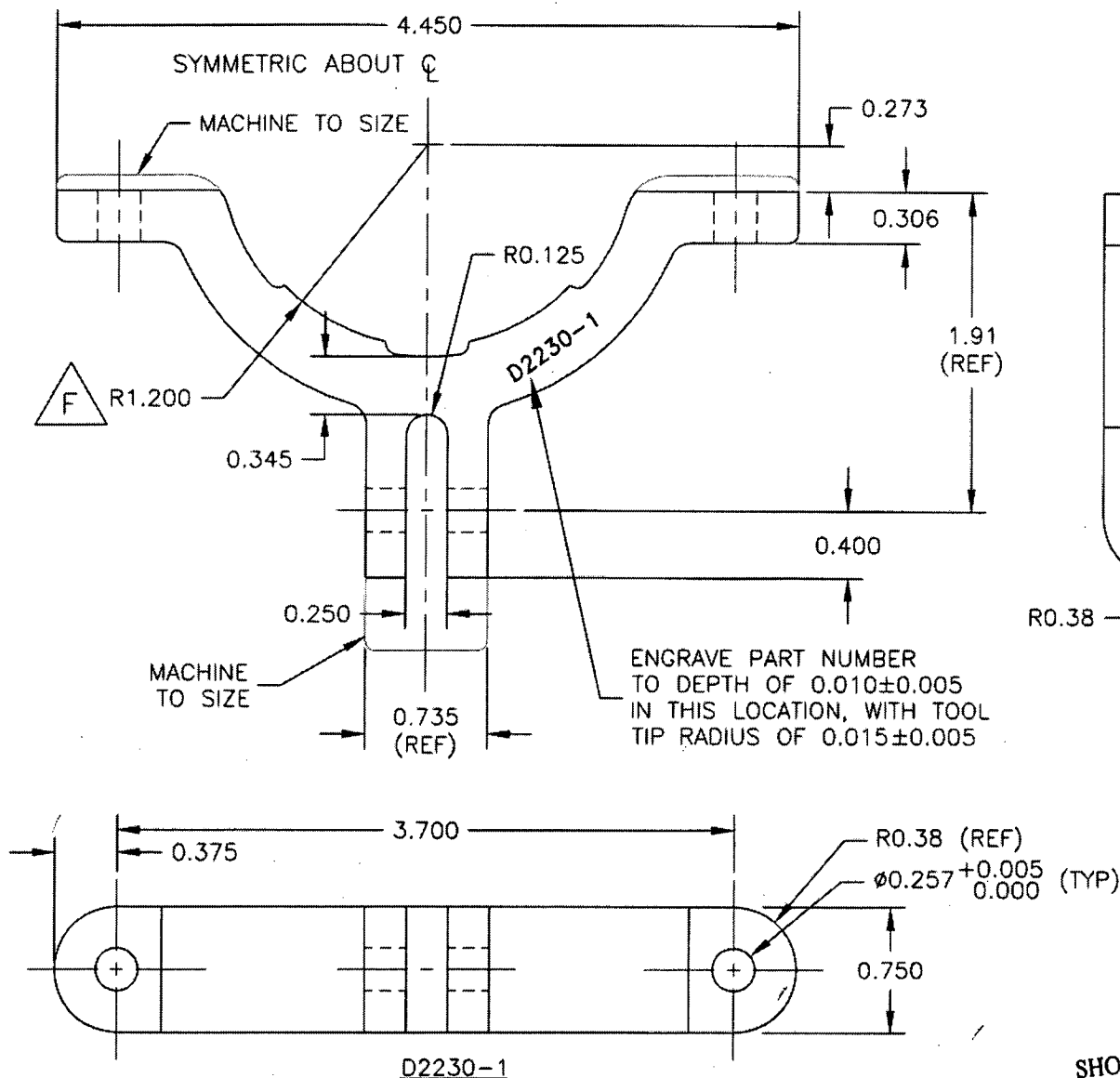
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>#</i>	APPROVED <i>#</i>	DRAWING NO. D2230	REV. F SHEET 1 OF 2
DATE 99.12.13		TITLE MOUNTING LUG	SCALE 1:1
C	94.03.30	RE-DESIGN	
D	95.01.04	RE-DESIGN	
E	95.01.04	RE-DESIGN	
F	99.12.13	REDESIGN; R1.200 WAS R1.100	

RELEASED
99.12.21 DS



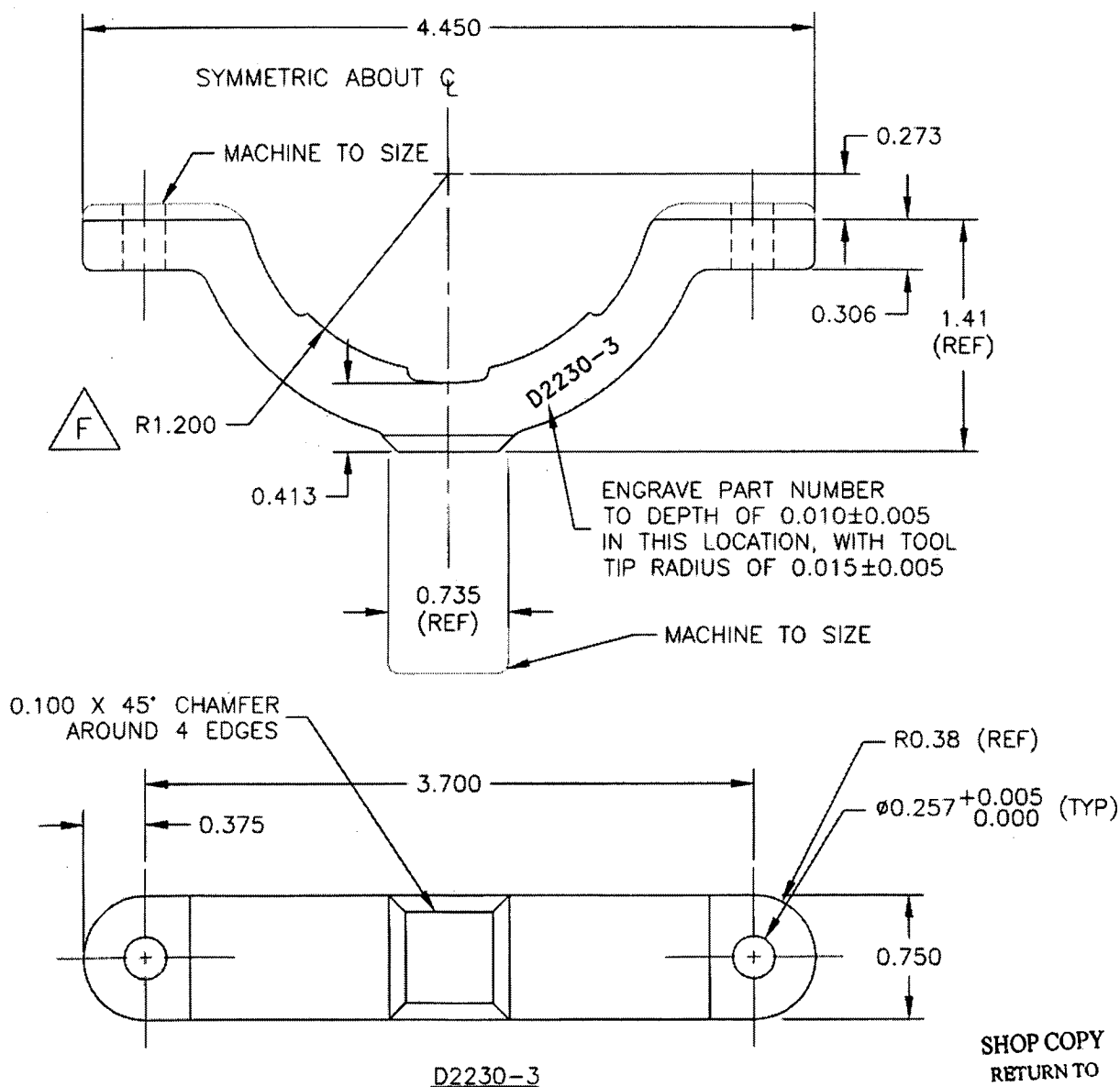
MAKE FROM EXTRUSION D2423
BREAK ALL EDGES 0.000-0.015
FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 41819



DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2230	REV. F SHEET 2 OF 2
DATE 99.12.13		TITLE MOUNTING LUG	SCALE 1:1

RELEASED
99.12.21 DS



MAKE FROM EXTRUSION D2423
BREAK ALL EDGES 0.000-0.015
FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 47819



CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:


same

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>P.O. NUMBER</u>
200	D2230-1	Lug 42232	7126


MATERIAL: supplied by DART D2423 B33310

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.


Shigi Walz

Vankleek Hill, October 7, 2008


08/10/08